

IN THE CLAIMS

1. (Previously amended) A seal assembly for a telescoping joint, comprising:
a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;
at least one seal, supported by one of said tubular members and sealingly spanning said annular space when activated by a force applied to said seal applied through said one of said tubular members that supports said seal, said seal having a longitudinal axis and opposed ends and being compressed to said tubular member retaining it in a direction substantially aligned with its longitudinal axis, solely by virtue of insertion of said seal into the tubular member supporting it.
2. (Original) The assembly of claim1, wherein:
said compression of said seal is due to an interference fit in said tubular member that retains it.
3. (Previously presented) A seal assembly for a telescoping joint, comprising:
a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;
at least one seal, supported by one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and being compressed, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis;
said compression of said seal is due to an interference fit in said tubular member that retains it;

said interference fit is created by opposed seal ends, prior to mounting, being disposed in non-parallel planes while said tubular member which retains said seal comprises retaining surfaces that are disposed in parallel planes.

4. (Previously presented) A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and being compressed, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis;

said compression of said seal is due to an interference fit in said tubular member that retains it;

said interference fit is created by opposed seal ends, prior to mounting, being disposed in parallel planes while said tubular member which retains said seal comprises retaining surfaces that are disposed in non-parallel planes.

5. (Previously presented) A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and being compressed, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis;

said compression of said seal is due to an interference fit in said tubular member that retains it;

said interference fit is formed by having at least one seal end, prior to mounting, in a different plane than a surface on said tubular member against which it is to abut, upon mounting.

6. (Currently amended) A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space to seal said annular space when said tubulars are under pressure and move relatively to each other, said seal having a longitudinal axis and opposed ends and being compressed, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis;

said compression of said seal is due to an interference fit in said tubular member that retains it;

said portion of said seal that spans said annular space further comprises a sealing surface having an upper and a lower end and where at least one of said ends is beveled with respect to said longitudinal axis.

7. (Original) The assembly of claim 6, wherein:

said bevel ranges from greater than 0 degrees from said longitudinal axis to at least about 15 degrees.

8. (Previously amended)

A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space when activated by a force applied to said seal applied through one of said tubular members, said seal having a longitudinal axis and opposed ends and being compressed to said tubular member retaining it in a direction substantially aligned with its longitudinal axis, solely by virtue of insertion of said seal into the tubular member supporting it;

said compression of said seal is due to an interference fit in said tubular member that retains it;

said seal is disposed in a recess in said tubular member;

said seal is retained in said recess of said tubular member on at least one end by a projection-depression configuration between an end of said seal and an adjacent portion of said recess in said tubular member retaining it.

9. (Previously presented) The assembly of claim 8, wherein:

said depression is longer than said projection in a direction perpendicular to the longitudinal axis of said seal.

10. (Original) The assembly of claim 9, wherein:

said projection comprises a U or V shape or forms an undercut with respect to said depression.

11. (Previously presented) A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and being compressed along said longitudinal axis from one said end through to the other of said ends, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis;

said compression of said seal is due to an interference fit in said tubular member that retains it;

said tubular member that retains said seal further comprises a passage to allow a lubricant to be directed from outside said annular space to a sealing face on said seal in said annular space.

12. (Previously presented) A seal assembly for a telescoping joint, comprising:
a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;
at least one seal, supported in a recess in one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and said seal is retained in said recess of said tubular member on opposed ends by a projection-depression contacting configuration between an end of said seal and an adjacent portion of said recess in said tubular member retaining it.
13. (Previously presented) A seal assembly for a telescoping joint, comprising:
a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and said seal is retained to said tubular member on at least one end by a projection-depression configuration between an end of said seal and said tubular member retaining it;

said seal further comprises a sealing surface having an upper and a lower end and where at least one of said ends is beveled with respect to said longitudinal axis.

14. (Original) The assembly of claim 13, wherein:

said seal is compressed, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis.

15. (Currently amended) A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space to seal said annular space when said tubulars are under pressure and move relatively to each other, said seal having a longitudinal axis and opposed ends and a portion of said seal that spans said annular space further comprises a sealing surface having an upper and a lower end and where at least one of said ends is integrally beveled without any cantilevered component with respect to said longitudinal axis.

16. (Previously presented) A seal assembly for a telescoping joint, comprising:

a first and second nested tubular members slidably mounted with respect to each other and defining an annular space therebetween;

at least one seal, supported by one of said tubular members and sealingly spanning said annular space, said seal having a longitudinal axis and opposed ends and said seal further comprises a sealing surface having an upper and a lower end and where at least one of said ends is beveled with respect to said longitudinal axis;

said seal is retained to said tubular member on at least one end by a projection-depression configuration between an end of said seal and said tubular member retaining it.

17. (Original) The assembly of claim 16, wherein:

said seal is compressed, upon assembly to said tubular member retaining it, in a direction substantially aligned with its longitudinal axis, said compression of said seal is due to an interference fit in said tubular member that retains it.

18. (Original) The assembly of claim 17, wherein:

said interference fit is formed by having at least one seal end, prior to mounting, in a different plane than a surface on said tubular member against which it is to abut, upon mounting.

19. (Original) The assembly of claim 1, wherein:

said seal is formed of nitrile or polyurethane.

20. (Original) The assembly of claim 12, wherein:

said seal is formed of nitrile or polyurethane.